

FL39	1	MAAV	RHEF	DVME
ICK1	1	M . . V . . .	SKYRRAK	GTVE
FL67	1	M	DKYHHRSKIDGAGAGAGGGGGGGGGGGESSIALMEV . . . VSPG . . .	
FL66	1	M	DKYHHRSKITG	DISVMSKATAPS . . .
ALFCDKI	1	M	DKYHHRKIK	EKSESESPN . . .
CrCKI	1	MAAAATPTSSP	DKYHHRKIK	VSKS
FL39	14		ENGVTT	
ICK1	14		A.GVSG	
FL67	41		SSSS1GVLTRE	AKSIALQQQORCLLQKPSSP . . .
FL66	27		P	EURTRAAKTLA
ALFCDKI	19	STPTPSPPSPPTPITTNSPPPTPNSSD	EURTRAAKTLA	KR . LNSAAD
CrCKI	22			NS
FL39	20		TT	VKREKMEEVDLVE
ICK1	19		TY	MDLP
FL67	72	SSLPPTSASPNNPSKQKMKKKQQQMN	CGEV	QLR
FL66	49	SALP	ESSC	EDLE
ALFCDKI	61		NNQNQNLSVSS	DI . L . VLP
CrCKI	22			SYNTPOLN
FL39	37	IIILSPCVQATNRGGIV		
ICK1	26	R	R . IVYV	
FL67	108	R	R1QKKP	IIVVIRSTKRR
FL66	64	R	R1E . KPSSLIE	QQRRNETCGRNPN
ALFCDKI	80	R	R1KR	ELIRONISAKRNK
CrCKI	31	R	R	GIIDGN
FL39	56	NSAASE	TEV	VIVRRRDSPPEEQ
ICK1	33		SEKSSEV	SVU
FL67	140	RSNLDSRGDEGSR	DEVSE	BVFGKDLDLSE . I
FL66	79	RVVRHSGIKESRSR	EV	NKDPTE
ALFCDKI	102	SP	EV	VAQSS
CrCKI	35	LSAE	DETAEEKTV	NEDECIONE
				OKSPEPENAD
FL39	80	CQIEEESSV	SCCSTSEE	NNGDDNE
ICK1	43		KSKRRIEV	TSWIY
FL67	180		ELIHHEEDKDGD	ETS . TYRRG
FL66	117	VSVQVSCGEGNSIG	FELEMEEHTQSFN	TSRH
ALFCDKI	129		TSRH	ETRES
CrCKI	39	EN	ETE	REARET
				EV
FL39	125		DDLNKSEESMNMD	SSVAVEDV
ICK1	83	TKRKLCENLREEEKEELSKSME	NYSEFEES	EV
FL67	202	TE	CS	LIRPPEIM
FL66	140	TE	QN	FVEDM2IM
ALFCDKI	142	TE	VH	LUMRADVIRPPRPIRRT
CrCKI	47	TELEVAAVVVEEEEVAN		SSEV
				TMARSDEPP

Figure 1

FL39	148	URRER	.....RRLSLHETV..
ICK1	117	.....EDCFC	.....GRNTMERTVTA
FL67	218	ESTPNNI	.....VS.....SNOE..EDELSR
FL66	156	ESPE..SMCRATK	.....YTIE..QENVI.
ALFCDKI	166	.....	.....ANPS..T
CrCKI	79	.....	.....CSSNYDQLSSSEPEVVKDDGLGNRTADPEVESGASSN..OK..E
FL39	161	.....K	.....EAEMLDDEQVAERDLRNBLI..CSMR
ICK1	135	EEEKAKLMT	.....EMPTES..TDEPVEAEKOLKEMI...KK
FL67	239	SHRRR	.....PTT.....F..EIDDEPAGAEFQKQHIE..K
FL66	177	.....PTT	.....S..WMEVNTAYAHOQQQLRIPM..K
ALFCDKI	174	....Q	.....PISRFENFCRKHMAEQQNEPME..K
CrCKI	123	SHRTEA	.....EATKLDDQDYFATKSTVQIKMESDSEIHMFFAVAKELOKPES..K
FL39	187	.....	.....DNEPFERLEHIGGGRYF
ICK1	171	.....	.....DNEFENEKIL..EGRYF
FL67	268	YVFPRFICSVLLVMSFQFVLFFSFGLVSLMVSVNSFFRYNEDPWNQDLP..GRFF	.....WNT..IVNLIHIS..GRYF
FL66	201	.....	.....WFLPWT..QDLP..GRYF
ALFCDKI	202	.....	.....WFLIVSLVPIK..GRYF
CrCKI	175	.....	.....WFLIVSLVPIK..GRYF
FL39	204	WVKLN	.....
ICK1	187	WVKME	.....
FL67	322	PTKWD	.....
FL66	217	WVQVK	.....
ALFCDKI	218	WEVKS	.....
CrCKI	191	WEPIN	.....

FIGURE 1 (continued)

Figure 2B

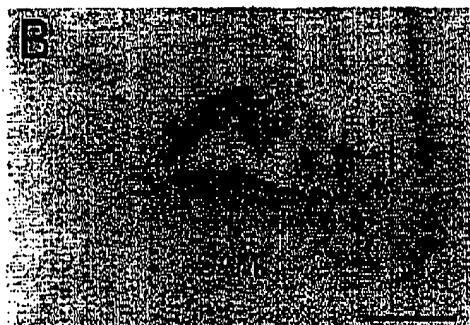


Figure 2D

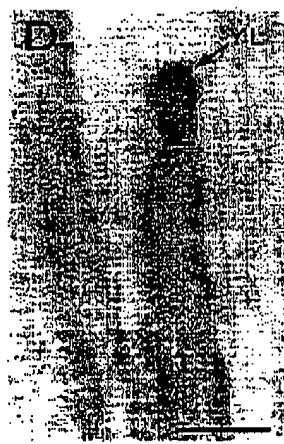


Figure 2E

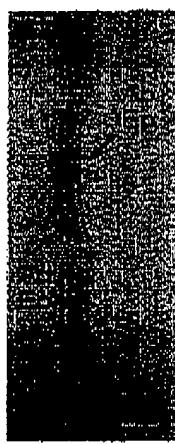


Figure 2C

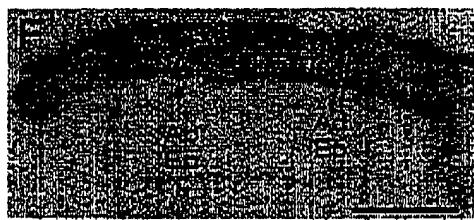


Figure 2F

Control

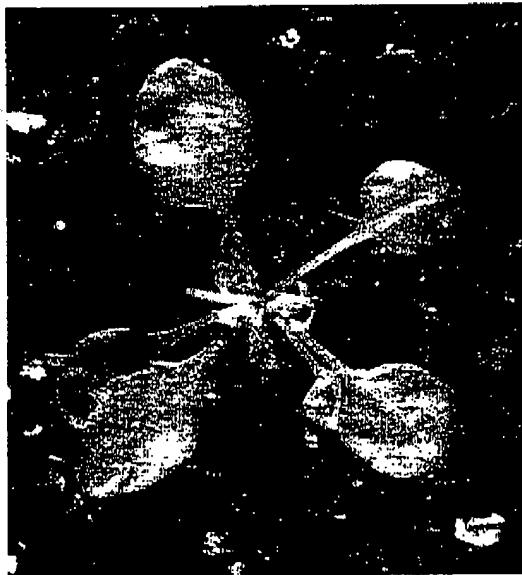


Figure 3A

ICK2 1.10

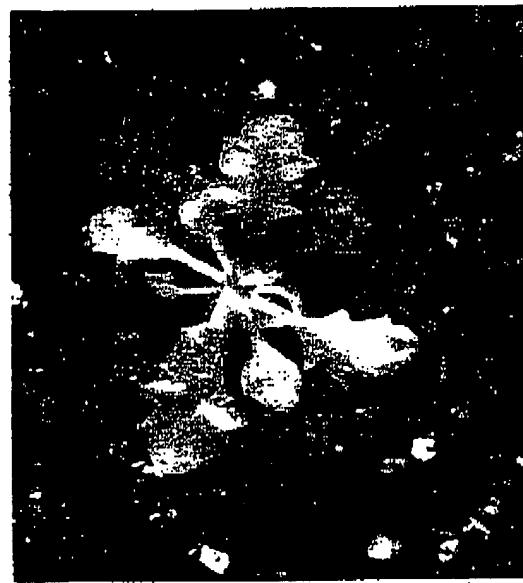


Figure 3B

Control

ICK2 1.10



Figure 3C

Figure 4A

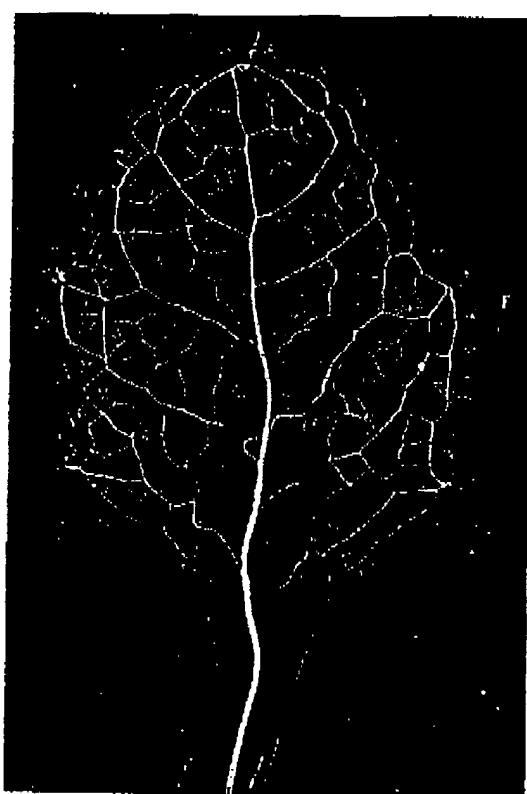
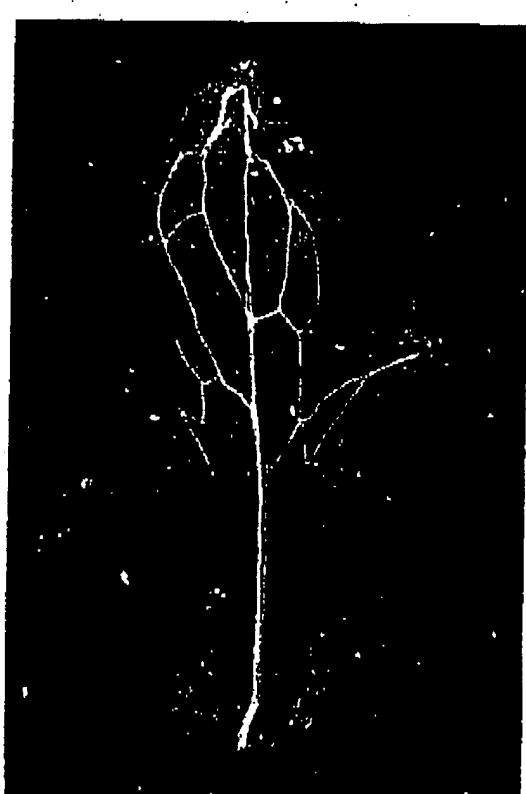


Figure 4B



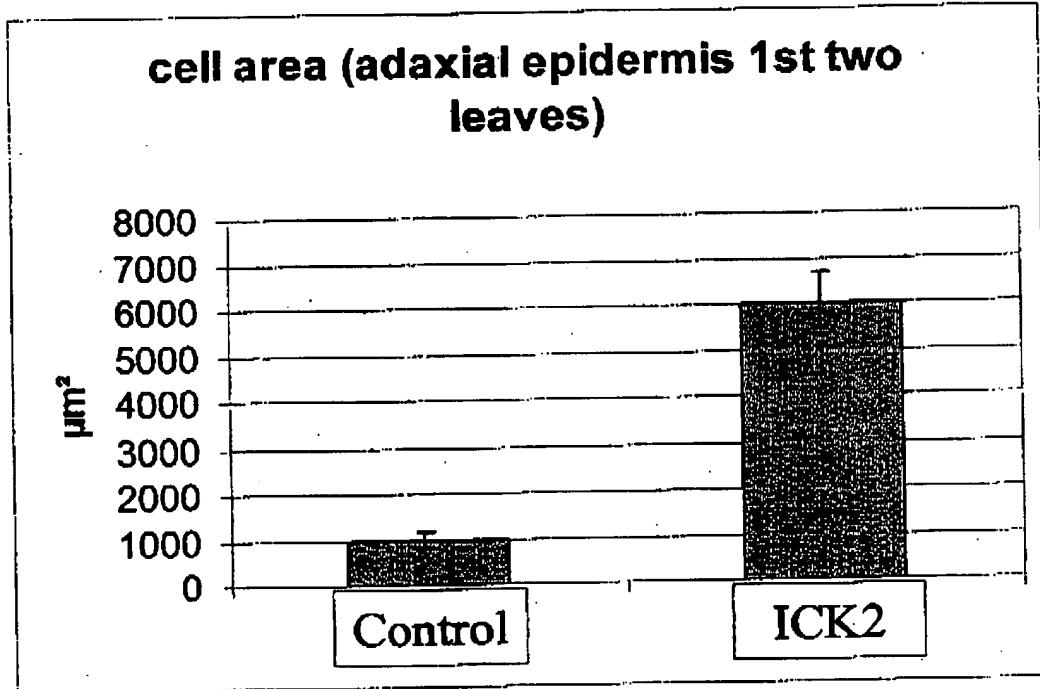


Figure 5

Figure 6A

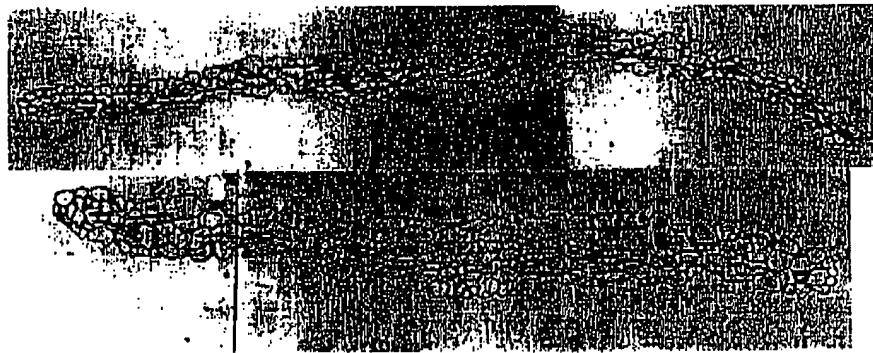
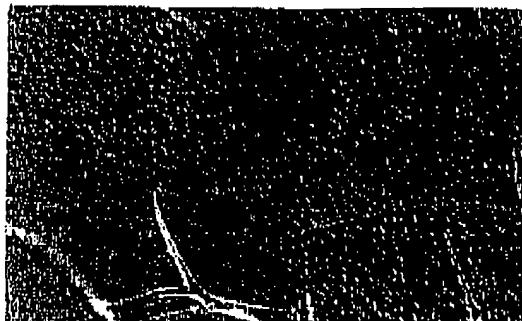


Figure 6B

Nartow leaves: Whole-mount study of cleared leaves (1st rosette leaves)

A



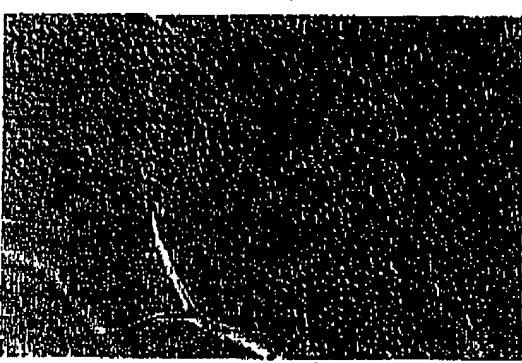
WT: DIC image of adaxial epidermis

B



35SFL39: DIC image of adaxial epidermis (same magnification as WT)

C



WT: DIC image of palissade layer

D



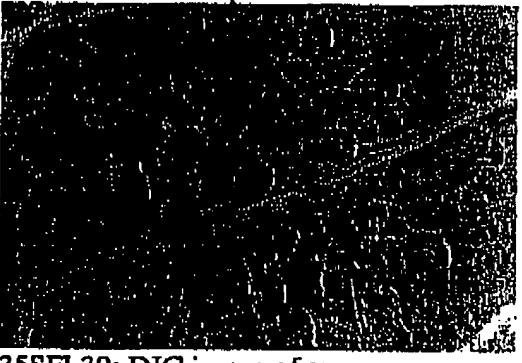
35SFL39: DIC image of palissade

E



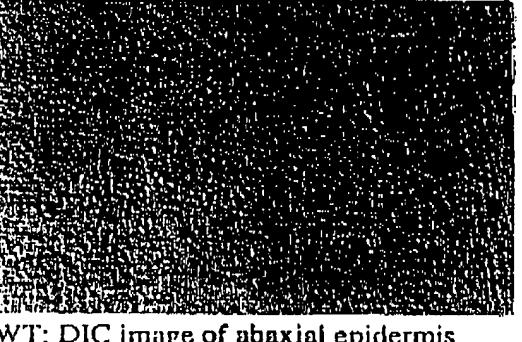
WT: DIC image of spongy parenchyma

F



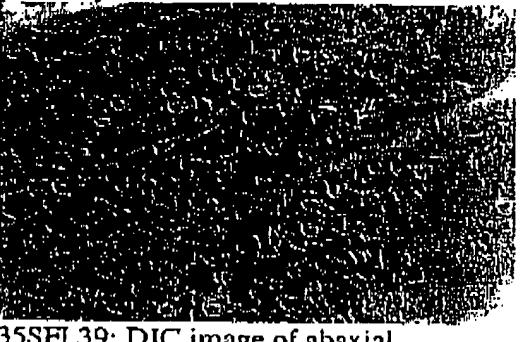
35SFL39: DIC image of spongy parenchyma

G



WT: DIC image of abaxial epidermis

H



35SFL39: DIC image of abaxial epidermis

Figure 7

Control



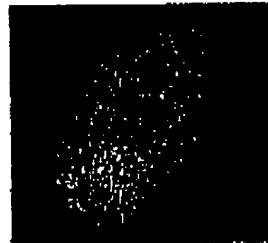
Figure 8A



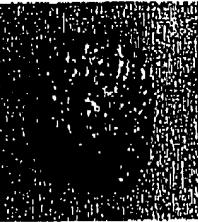
Figure 8B

ICK2

Figure 9A



WT seed



35SFL39 seed

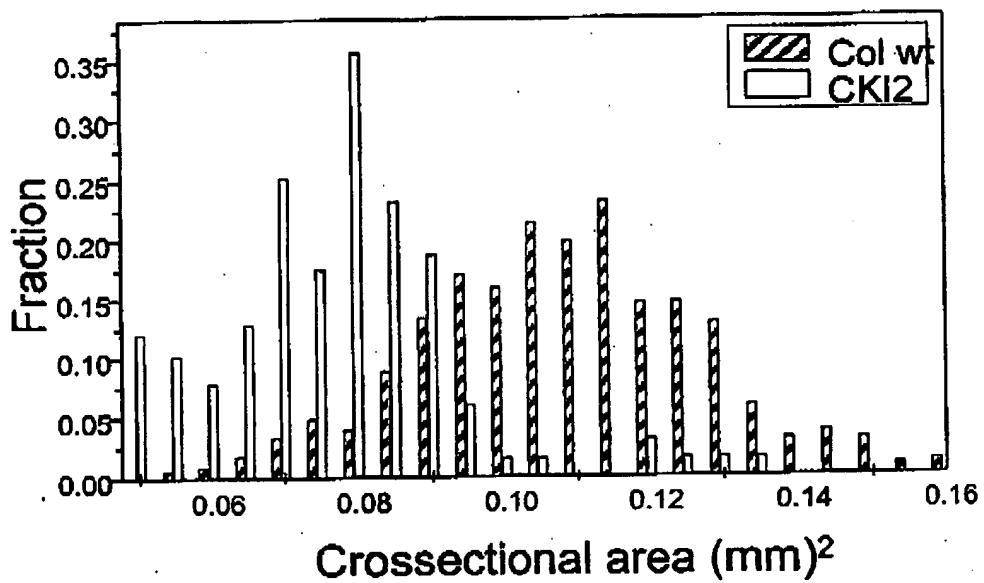


Figure 10

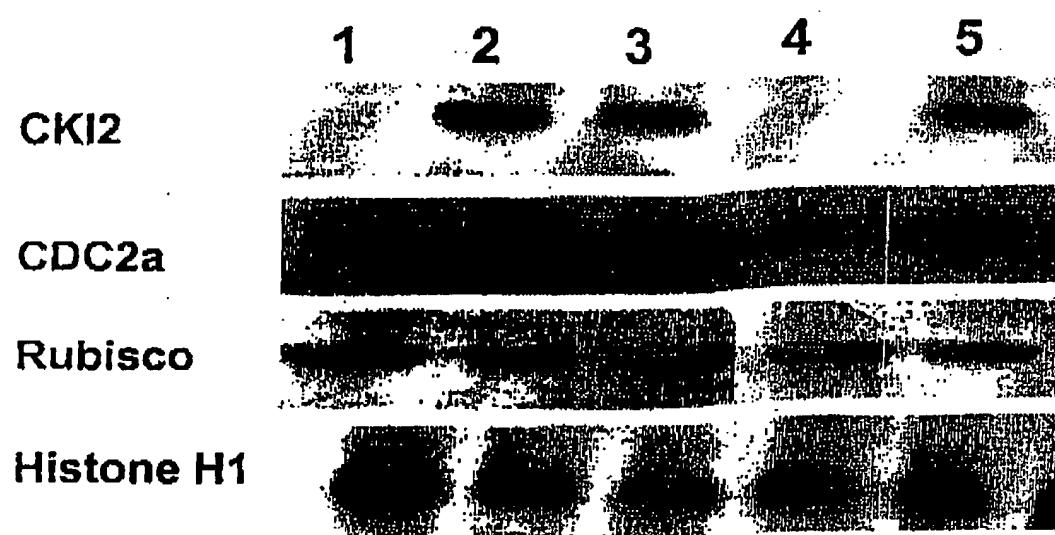


Figure 11

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